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**AUTUMN LIST**

**Seed Rarities**

**Unusual Bulbs**

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U. S. Department of Agriculture

A reminder that in Autumn we should sow the seeds of certain interesting flowers, and make our plantings of the spring-blooming bulbs.

**REX. D. PEARCE**

101  
**MERCHANTVILLE**

**NEW JERSEY**

## AUTUMN SOWING

Many of the more interesting and delightful of the rarer flowers and plants have been considered difficult from seed, and some of them are really rather slow when the sowing is made in spring or summer, unless very special precautions are taken. This is because such seeds require a period of exposure too low, but not necessarily freezing, temperatures to put them in shape to germinate. Such seeds if sown in late autumn in open ground seed beds or in cold frames, the beds being mulched with straw or litter during the winter months, will usually come up quite strongly in the spring. In general, most tree and shrub seeds are benefitted by autumn sowing. This includes the pines and other evergreens, the woody vines, wild roses and the like. A great many kinds of lilies also are helped although seeds of certain easier species may just as well be sown in early spring. Sprouting of iris seeds is undoubtedly facilitated by this late sowing, but spring sowing will also give fair results with these.

Some of the other seeds that do well with autumn sowing are Anemone, Wintergreen, Bearberry, Scilla (except *S. Peruviana*), Helleborus, Arisaema, Arum, Hyacinth, Stenanthium, Fritillaria, Erythronium, Colchicum, Crocus, Albizzia, Trillium, Peony, Trailing Arbutus, Tulip, Narcissus, Muscari, Chionodoxa, Puschkinia, Eranthis, Polygonatum, Jeffersonia, Camassia, Hemerocallis, Funkia, Paradisea, Phlox, Mertensia, Gentian, Ixiolirion, Cytissus, Crataegus, and the like. All of these are described in variety in my General Catalog No. 19, sent gladly on request.

Please understand that the listed kinds above are not necessarily sown in Autumn. It is simply that there is some gain in quicker and easier germinating when so handled. The list is not exhaustive. There are many other varieties in my catalog that may be sown at least as well in the fall as in the spring.

Sowing may be done just as long as the ground can be worked. In the North this usually means October, November or December, but in regions with open winters, sowings may also be made in January and February.

## TRUE WILD FLOWER BLEND

Here are seeds of rare and hardy wild flowers, of shadeland bulbs, and of fitting low-growing shrubs, a marvelous blend, and all kinds that will colonize in open woodland, on rocky slope, in field or meadow, and even along the roadside. For this mixture are chosen sorts that will germinate particularly well when sown in autumn. Some of them are by their very nature a bit slow in coming, but eventually they will add a full quota of beauty to their corner, a beauty that will persist, if undisturbed, even for generations. For maximum results sow seeds in beds and later transplant, but they may also be scattered broadcast where they are to remain. Not less than  $\frac{1}{8}$  oz. sold.  $\frac{1}{8}$  oz. 25c;  $\frac{1}{4}$  oz. 40c;  $\frac{1}{2}$  oz. 75c; 1 oz. \$1.50;  $\frac{1}{4}$  lb. \$4.50.



## CAMASSIA

Hardy bulbs, bearing spikes of large starry flowers. In habit and form they seem almost intermediate between Scilla and Eremurus. Handsome, permanent and easily grown.

**Camassia Esculenta**—Rich blue to purple. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. 75c.

**Camassia Leichtlini Alba**—Four foot spikes of cream white. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.00.

**Camassia Fraseri**—Sky blue flowers. Later than the others. Pkt. 25c; special pkg. 50c.

**Camassia Cusicki**—Tall spikes set with pale blue stars. Pkt. 25c; special pkg. 60c.

**Offer No. 46**—One pkt. each of the above for 75c.

## EREMURUS

Magnificent plants with majestic flower spikes 4 to 8 feet high. The myriads of flowers are like small stars. They come in white and in varied shades of pink, rose, yellow, copper and orange. Slow growers, but well worth waiting for. Mixed colors. 25 seeds for 20c; 50 seeds for 35c; 100 seeds for 65c; 500 seeds for \$2.75. Catalog No. 19 offers separately Eremurus to color and species.

## CROCUS & COLCHICUM

Hardy bulbs that make splendid spread of bloom in early spring, or in autumn, according to species. Sow now.

**Colchicum Speciosum**—Rosy pink to crimson purple, or sometimes white. Autumn. Pkt. 25c; special pkg. 60c.

**Colchicum Autumnale**—Mauve lavender or purple. Autumn. Pkt. 10c; special pkg. 25c;  $\frac{1}{4}$  oz. 40c.

**Colchicum Luteum**—Rich yellow. Rare Spring. Pkt. 25c; special pkg. 60c.

**Colchicum Decaisnei**—Lilac rose to flesh pink or white. Palestine. Autumn. Pkt. 25c; special pkg. 60c.

**Crocus Iridiflorus**—Outer petals rich purple, inner petals soft lilac. Autumn. Pkt. 25c; special pkg. 60c.

**Crocus Zonatus**—Lilac rose, zoned orange. October. Pkt. 20c; special pkg. 50c.

**Crocus Imperati**—Lavender, feathered purple. February. Rare. Pkt. 35c.

**Crocus Spring Flowering Blend**—All colors in mixture. March. Pkt. 20c; special pkg. 50c.  $\frac{1}{4}$  oz. 75c.

## TULIP SPECIES

The Wild Tulips are dainty and interesting for rockery plantings or for naturalizing. They are best propagated from Autumn sown seed.

**Tulipa Dasystemon**—Brilliant yellow edged white. Pkt. 25c; special pkg. 60c.

**Tulipa Kaufmanniana**—Water Lily Tulip. Creamy primrose, tinged carmine. Earliest. Pkt. 25c; special pkg. 60c.

**Tulipa Sprengeri**—Glowing scarlet stars on long stems. Latest. Pkt. 25c; special pkg. 60c.

**Tulipa Sylvestris**—Clear yellow and fragrant. Use with Muscari. Pkt. 25c; special pkg. 60c.

**Offer No. 90**—One pkt. each of the above for 75c.

## SPRING BULB BEAUTIES

The earliest glory of spring shows in the burst of bloom from these dainty hardy bulbs. Sow seed now See Catalog No. 19.

*Puschkinia Libanotica*—Sky blue flowers, striped with indigo. Very early. Pkt. 20c; special pkg. 50c.

*Leucojum Aestivum*—Snowflake. Pure White Early. Pkt. 25c; special pkg. 60c.

*Chionodoxa Lucilae*—Blue flowers with milk white center. Pkt. 15c; special pkg. 35c; ¼ oz. 60c.

*Galanthus Nivalis*—Snowdrop. Pure white. Nodding. Pkt. 15c; special pkg. 35c.

*Eranthis Hiemalis*—Winter Aconite. Golden yellow. Pkt. 25c; special pkg. 60c.

*Muscari Armeniacum*—Fragrant robust Grape Hyacinth. Cobalt blue. Pkt. 10c; special pkg. 25c; ¼ oz. 45c; 1 oz. \$1.50.

*Muscari Argeai Album*—Flower clusters like white pearls. Pkt. 25c.

*Scilla Campanulata*—Spanish Blue Bell. Blue, white, pink and rose in blend. Pkt. 25c; special pkg. 60c; ¼ oz. \$1.00.

*Scilla Italica*—Italian Blue Bell. Pale blue, with lilac fragrance. Pkt. 20c; special pkg. 45c; ¼ oz. 90c.

*Scilla Sibirica*—Intense vivid indigo. Pkt. 15c; special pkg. 35c; ¼ oz. 60c.

*Hyacinth Blend*—Finest large flowered, from a wonderful collection. Pkt. 25c; special pkg. 60c; ¼ oz. \$1.00

*Hyacinthus Amethystinus* — Charming alpine dwarf. Amethyst blue. Pkt. 20c; special pkg. 50c.

*Narcissus Giant Blend*—Saved from the very finest named sorts. Pkt. 25c; special pkg. 60c; ½ oz. \$1.00.

*Tulip, Garden Hybrids*—Seed saved from more than 100 named sorts of tall, giant flowered varieties. Unexcelled. Pkt. 20c; special pkg. 50c; ¼ oz. 90c; 1 oz. \$3.00.

*Ixiolirion Pallassi*—Deep blue trumpet clusters. Pretty. Pkt. 25c; special pkg. 60c.

Offer No. 131—One pkt. each of the above for \$2.50.

## TRAILING ARBUTUS

*Epigea repens* or May-flower. Most charming and almost rarest of early spring flowers, with its sweetly scented, apple-blossom pink blooms. A close evergreen trailer. Pkt. 25c; special pkg. 60c.

## A WOODLAND GROUP

*Maianthemum Bifolium*—A woodland carpenter. Sprays of white flowers and red berries. Pkt. 20c; special pkg. 50c.

*Gaultheria Procumbens*—True Wintergreen. An evergreen creeper with spicy crimson berries. Pkt. 20c; special pkg. 50c.

*Smilacina Racemosa*—Arching wands tipped with flower sprays like sea foam. Pkt. 15c; special pkg. 35c.

*Caulophyllum Thalicteroides* — Bears decorative clusters of intense and vividly blue berries. Pkt. 15c; special pkg. 35c.



- Polygonatum Commutatum* — Giant Solomon's Seal. Pkt. 15c; special pkg. 35c.
- Epimedium Macranthum*—Airy flowers, white, pink or purple, and charming evergreen "ground cover" foliage. Pkt. 15c; special pkg. 35c.
- The Bear Berry**—Hardest of evergreen trailers. Long hanging red berries. Very fine. Pkt. 20c; special pkg. 50c.
- Offer No. 132**—One pkt. each of the above for \$1.00. See Catalog No. 19 for other kinds.

### PEONIES FROM SEED

- Sow Peony seed now for spring germination. See Catalog No. 19 for full descriptions.
- Peony Finest Chinese Double**—A blend of named sorts. 10 seeds for 20c; 50 seeds for 85c; 100 seeds for \$1.50.
- Paeonia Officinalis*—Rich crimson. Early. Pkt. 15c;  $\frac{1}{4}$  oz. 30c.
- Tree Peony**—A woody shrub. Very beautiful, but rare. Wide color range. 10 seeds for 25c; 50 seeds for 90c; 100 seeds for \$1.50.
- Paeonia Lutea*—Deep yellow single flowers. Pkt. 40c; special pkg. \$1.00.
- Paeonia Emodi*—Rare white from the Himalayas. Pkt. 25c.
- Paeonia Tenuifolia*—Crimson. Fern-like foliage. Pkt. 25c.
- Offer No. 116**—One pkt. each of the above for \$1.25.

### HELLEBORUS NIGER

Large flowers, white or rose flushed. A few mild days will bring established plants into bloom in January. Hardy. Seed comes slowly. Leave undisturbed until it germinates. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. 50c.

### ERYTHRONIUMS

The Western Dog-tooth Violets, hardy and permanent, add in the pretty lily-shaped flowers much to the joy of spring. One separate pkt. each of five kinds; golden yellow, rose, purple, cream-banded maroon and clear pink, for 90c. See Catalog No. 19 for descriptions.

### FRITILLARIA

- Lovely cousins of the lily, for rockery, meadow or woodland path.
- Fritillaria Imperialis*—Crown Imperial. A cluster of bells, in bronze yellow to orange and crimson, crowns each three foot stem. Pkt. 25c; special pkg. 60c;  $\frac{1}{4}$  oz. \$1.50.
- Fritillaria Meleagris*—Bells checkered with purple, or creamy white. Pkt. 20c; special pkg. 50c.
- Fritillaria Pudica*—Clear butter yellow. Pkt. 25c; special pkg. 60c.
- Fritillaria Purdyi*—White flushed with crimson. Pkt. 25c; special pkg. 60c;  $\frac{1}{4}$  oz. \$1.25.
- Fritillaria Lanceolata*—Wine purple. Tall. Pkt. 25c; special pkg. 60c.
- Fritillaria Lilacea* — Creamy white. Pkt. 20c; special pkg. 50c.
- Fritillaria Recurva*—Scarlet bells lined with yellow. Pkt. 25c; special pkg. 60c.
- Offer No. 133**—One pkt. each of the above for \$1.50.

## FOR BORDER OR ROCKERY

The General Catalog No. 19 gives full descriptions.

- Anemone Patens Nuttalli**—Windflower. Opaline blue cups followed by silky tassels. Pkt. 20c; special pkg. 50c.
- Anemone Decapetala**—Chalice cups of cream or soft purple. Pkt. 15c; special pkg. 35c.
- Viola Pedata**—Birds-foot Violet. Lovely long stemmed flowers of richest purple. Pkt. 25c; special pkg. 60c.
- Hardy Orchid Blend**—Terrestrial Orchids in wide range of color and form. Pkt. 25c; special pkg. 60c.
- Helleborus Viridis**—An odd "Christmas Rose" with flowers of pale green, flushed with purple. Pkt. 15c; special pkg. 35c.
- Arisaema Triphyllum** — Jack in the Pulpit. Striped Calla-like flowers. Pkt. 15c; special pkg. 35c.
- Arisaema Himalayan Blend**—Rare and interesting hardy Arum Lilies from the Himalayas. Pkt. 20c; special pkg. 50c.
- Calcechortus Mixed**—Saved from a wonderful assortment of Mariposa Tulips. Pkt. 25c; special pkg. 60c;  $\frac{1}{8}$  oz. \$1.00.
- Rheum Nobile**—Towering spires, thatched with golden yellow, rise above spectacular foliage. Pkt. 15c; special pkg. 30c;  $\frac{1}{4}$  oz. 75c.
- Paradisea Liliastrum**—Two foot spikes of snowy trumpets. Charming. Pkt. 15c; spec. pkg. 35c.
- Yucca Baccata** — Rouch concave red-margined leaves and spikes of creamy flowers, followed by edible fruits. Pkt. 20c; special pkg. 50c.
- Cassia Medsgeri**—Showy clusters of rich yellow bloom. Very fine. Pkt. 15c; special pkg. 35c.
- Hemerocallis Peerless Blend**—Lily trumpets in lemon, gold, tawny orange and copper. Pkt. 15c; special pkg. 35c.
- Fairy Bells**—Disporum species blended. Drooping yellow bells and orange or scarlet berries. Pkt. 20c; special pkg. 50c.
- Phlox Divaricata Canadensis** — Blue lavender. Dwarf. Pkt. 25c; special pkg. 60c.
- Pentstemon Grandiflorus**—Most showy species. Flaring orchid lavender trumpets. Pkt. 25c; special pkg. 60c.
- Pentstemon Centranthifolius** — Brilliant scarlet. Pkt. 20c; special pkg. 50c.
- Gentiana Andrewsii**—Closed Gentian. Ultramarine. Pkt. 20c! special pkg. 50c.
- Gentiana Andrewsii Alba**—Pure white. Rare. Pkt. 25c; special pkg. 60c.
- Gentiana Asclepiadea** — Willow Gentian. Graceful sheaves of sapphire bloom. Pkt. 20c; special pkg. 50c.
- Gentiana Crinita**—The lovely fringed Gentian. Misty blue. Pkt. 25c. special pkg. 60c;  $\frac{1}{8}$  oz. \$1.00.
- Opuntia Polycantha** — Hardy border Cactus. Silvery spines and tawny yellow flowers. Pkt. 20c; special pkg. 60c.
- Eustoma Russellianum**—Blue Field Lily. Flower bells of a glorius deep blue. Very beautiful. Pkt. 25c; special pkg. 60c.
- Offer 134**—One pkt. each of the above for \$4.00.



## THE IRISES

The Iris grows quickly and easily from autumn sown seed. Among the sixty-four different species and hybrid strains that I offer, will be found Irises for every possible effect and use. See Catalog No. 19 for full listings.

**Iris Atropurpurea**—Dwarf. Velvety black, relieved by touch of yellow. From Palestine. Pkt. 20c; special pkg. 50c.

**Iris Aurea**—Tall golden yellow. Pkt. 25c; special pkg. 65c.

**Iris Bucharica**—Orchid-like satiny yellow flowers on "cornstalks." A bulb. Pkt. 25c; special pkg. 60c.

**Iris Chrysofor**—A delightful dwarf race of hybrids. Fine color range. Quick from seed. Pkt. 25c; special pkg. 60c.

**Iris Clarkei**—Blue violet to ruddy purple. From the Himalayas. Pkt. 20c; special pkg. 50c.

**Iris Delta Blend**—The very best of the rare Louisiana Delta Irises are here. Colors range from sky blue, through lavender, to purple; from red-violet to lilac and cerise. Then there are close approaches to red, in shadings from pink and old rose to mahogany and ruddy orange. Many have golden crests. Flowers are of largest size and plants seem to be fully hardy. Pkt. 25c; special pkg. 60c; ¼ oz. \$1.00.

**Iris Dichotoma**—Rosy lavender, fragrant. Flowers in August. Pkt. 25c; special pkg. 60c.

**Iris Dwarf Hybrids**—Earliest blooming. Very dwarf. Fine color range. Pkt. 20c; special pkg. 50c; ¼ oz. 75c.

**Iris Fulva**—Tawny or copper color. Pkt. 25c; special pkg. 60c.

**Iris Gracilipes**—Very dwarf. Exquisite sky blue. Pkt. 25c; special pkg. 60c.

**Iris Graminea**—Dwarf. Rich wine color. Fragrant. Pkt. 20c; special pkg. 60c.

**Iris Himalayan White**—Pure white. Newly discovered. Pkt. 25c; special pkg. 60c.

**Iris Reticulata**—Early flowering bulb. Deep violet, patched with gold. Rare. Pkt. 30c.

**Iris Tenax**—Dwarf. Free blooming. Flowers vary from lavender and purple to white, mauve pink and claret. Pkt. 15c; special pkg. 35c; ¼ oz. 75c.

**Iris Shelford Giant**—Flowers of truly gigantic size on four to five foot stems, richest creamy yellow, with golden orange blotch on each fall. A gorgeous thing and will thrive in any soil. An English hybrid. Pkt. 20c.

**Iris Sibirica Blend**—White, blue and violet, variously marked. Pkt. 10c; ¼ oz. 30c; 1 oz. \$1.

**Iris Xiphioides**—English Iris. A vigorous bulbous species with large flowers in a magnificent range of colors. Give it deep moist soil. Seed saved from a fine series of named sorts. Pkt. 20c; special pkg. 50c; ¼ oz. \$1.25; 1 oz. \$4.00.

**Offer 135**—One pkt. each of the above for \$3.00.

## TRILLIUM BLEND

Wood Lily or Wake Robin. Charming but somewhat shy spring flowers, ranging from white through rose to purple. Pkt. 20c; special pkg. 50c. See Catalog No. 19 for separate species.

## THE LILIES

Fifty-two different Lilies are offered in my general catalog. Below is a selected list with abbreviated descriptions. Lilies grow easily from autumn sown seed.

- Lilium Auratum**—Gold banded white. Gorgeous. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. \$1.00; 1 oz. \$3.50.
- Lilium Batemanniae** — Lovely peach apricot shade. Pkt. 25c; special pkg. 60c.
- Lilium Canadense**—Red and yellow bells. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. \$1.00.
- Lilium Cernuum**—Lilac pink. Dwarf. Fine. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.25.
- Lilium Colchicum** — Butter yellow. Fragrant. Sturdy. Pkt. 25c; special pkg. 60c;  $\frac{1}{4}$  oz. \$1.75.
- Lilium Concolor**—Red Star Lily. Vermilion. Dwarf. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. \$1.
- Lilium Giganteum**—From the Himalayas. Majestic. White, shaded purple. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.25.
- Lilium Henryi**—Golden amber. Hardy. Very fine. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.25.
- Lilium Macrophyllum**—Rose lavender. Rare. Pkt. 30c; special pkg. 75c.
- Lilium Martagon**—Wine to purple. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.25.
- Lilium Martagon Album**—Waxen white recurved flowers. Pkt. 30c; special pkg. 75c;  $\frac{1}{4}$  oz. \$2.
- Lilium New Hybrids**—Flower colorings will range through apricot, buff and golden orange, to shades of rich purple, sometimes with staining of rose, or contrasting dots. Chiefly crosses of Martagon and Hansoni. 25 seeds for 35c; 50 seeds for 65c; 100 seeds for \$1.20.
- Lilium Pardalinum** — Orange, marked crimson. Hardy. Tall. Fine. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.25.
- Lilium Parryi**—Fragrant lemon yellow trumpets. Pkt. 30c; special pkg. 75c;  $\frac{1}{4}$  oz. \$1.75.
- Lilium Philadelphicum**—Flame orange cups. Shade. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. \$1.
- Lilium Philippinense Formosanum**—White trumpets stained lightly with purple. Easy. Pkt. 25c; special pkg. 60c;  $\frac{1}{4}$  oz. \$1.75.
- Lilium Sargentiae**—Noble trumpet lily. Follows and resembles Regale, but finer. 25 seeds for 20c; 50 seeds for 35c; 100 seeds for 60c.
- Lilium Shelburne Hybrid**—A Regale-Sargentiae cross. Best points of each. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.25; 1 oz. \$4.00.
- Lilium Speciosum Magnificum**—Sparkling carmine rose. Lovely. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.25; 1 oz. \$4.00.
- Lilium Speciosum Album** — Alabaster white petals. Delightful. Pkt. 25c; special pkg. 60c;  $\frac{1}{4}$  oz. \$1.25.
- Lilium Superbum**—Various combinations of yellow, orange and maroon. Tall and stately. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.25.
- Lilium Tenuifolium**—Coral. Dwarf. Early. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. \$1.00.
- Lilium Wilmottiae**—Apricot, dotted ruddy brown. Recurved. Easy. Pkt. 30c; special pkg. 75c;  $\frac{1}{4}$  oz. \$2.15.

**Offer 136**—One pkt. each of the above for \$4.25.



## SHRUBS, TREES & VINES

A group of desirable hardy species for autumn sowing.

**The Dove Tree**—*Davidia Involucrata*. Unique trees with showy double flower bracts of cream white, resembling doves at rest. Large nut-like seeds. 35c per seed, three seeds for \$1.00.

**Citrus Trifoliata**—A true hardy orange, bearing showy, but not edible, fruits. Waxy white perfumed flowers. To Massachusetts. A handsome small tree or makes a sturdy hedge. Pkt. 10c; special pkg. 25c;  $\frac{1}{4}$  oz. 75c; 1 oz. \$2.50.

**Mespilus Germanica**—Medlar Apple. Picturesque rugged trees bearing well flavored fruits. Pkt. 15c;  $\frac{1}{8}$  oz. 60c.

**Viburnum Carlesii**—Dwarf shrub with fragrant pink and white flowers. Pkt. 15c; special pkg. 35c.

**Syringa Oblata**—Sweet Lilac. Dwarf, with perfumed purple flowers. Very early. Pkt. 15c; special pkg. 35c.

**Syringa Japonica**—Lilac Tree. To thirty feet. Creamy primrose blooms. Pkt. 20c; special pkg. 50c.

**Bayberry**—Fine shrubs with silvery wax covered berries. Pkt. 15c; special pkg. 35c.

**Cydonia Japonica**—Japan Quince. Vivid rose to glowing scarlet in early spring. Pkt. 15c;  $\frac{1}{4}$  oz. 60c.

**Diospyrus Virginica**—American Persimmon. Hardy tree, bearing a rich, sweet fruit. Pkt. 20c; special pkg. 50c.

**Ilex Opaca**—True Holly. Makes a handsome red berried tree. Hardy to Massachusetts. Pkt. 15c;  $\frac{1}{4}$  oz. 35c.

**Rosa Altaica**—Pure white wild rose. Black purple fruit. Pkt. 25c; special pkg. 60c.

**Rosa Nitida**—Dwarf rockery Wild Rose. Pink to crimson. Pkt. 25c; special pkg. 60c.

**Rosa Rubiginosa**—Sweet Briar or Eglantine. Clear pink. Aromatic. Pkt. 15c; special pkg. 60c.

**Rosa Moyesii**—Tall arching shrub. Rich crimson bloom. Pkt. 25c; special pkg. 70c.

**Rosa Rugosa**—White, pink or red flowers. Fine for hedges. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; 1 oz. \$1.50.

**Tea Rose**—Everblooming. Every color of the rose. Fragrant. Pkt. 25c; special pkg. 60c.

**Rhododendron Ferrugineum**—Carmine clusters. Dwarf. Pkt. 25c; special pkg. 60c.

**Rhododendron English Hybrids**—Seeds collected in English gardens from named sorts. Pkt. 35c; special pkg. 85c.

**Laburnum Album**—A shrubby tree with long golden chains of bloom. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.

**Japanese Flowering Cherry**—Blush white, through true pink, to deep rose. Pkt. 20c; special pkg. 50c.

**Clematis Tangutica**—Hardy vine with golden yellow flowers. Pkt. 15c; special pkg. 35c.

**Clematis Columbiana**—Glossy petaled purple flowers. Hardy vine. Pkt. 25c; special pkg. 60c.

**Hydrangea Petiolaris**—Hardy climbing Hydrangea. Rare. Pkt. 20c; special pkg. 50c.

**Offer 137**—One pkt. each of the above for \$4.00.

## THE CONIFERS

The hardy narrow leaved evergreens, Pine, Lebanon Cedar, Spruce, Juniper, Larch, Ginkgo and the like, all grow quickly from autumn sown seed. See Catalog No. 19 for full offer.

## RARE HOUSE PLANTS

Seeds of these may be sown any time of year.

**Amaryllis Hybrids**—Seed saved from giant flowered plants; in color ranging from tinted white, through shades of rose to crimson, with many delightfully shaded and marked. Sow now. Pkt. 25c; special pkg. 70c.

**Ardisia Crenulata**—Christmas Berry. Grown for the glossy, long-hanging coral-red fruits. Pkt. 15c; special pkg. 35c.

**Brunfelsia Floribunda**—Showy purple flowers. Free blooming. Pkt. 15c; special pkg. 35c.

**Carica Papaya**—Quick growing palm-like plant, bearing edible fruit. Pkt. 20c; special pkg. 50c.

**Clerodendron Fallax**—Brilliant scarlet flowers. Everblooming. Heart-shaped leaves. Pkt. 20c; special pkg. 50c.

**Clianthus Puniceus**—Pretty sprays of crimson pea-like flowers. Pkt. 25c.

**Aloe Obscura**—Attractive dwarf succulent with tawny red flowers. Pkt. 25c; special pkg. 60c.

**Duranta Plumieri**—Golden Dewdrop. Sprays of blue flowers, followed by golden berries. Pkt. 15c; special pkg. 50c.

**Guava**—Perfumed snowy flowers and aromatic delicious red or yellow fruits. Pkt. 20c; special pkg. 50c.

**Kumquat Nagami**—"Orange Blossom" flowers and edible orange-like fruits. Pkt. 25c; special pkg. 60c.

**Washingtonia Filifera**—An unusual "fan" palm, with shaggy trunk. Pkt. 20c; special pkg. 50c.

**Phoenix Reclinata**—An attractive "feather" palm with spreading fronds. Pkt. 25c; special pkg. 75c.

**Clivia Miniata**—Showy clusters of rich orange flowers. A noble plant. Large bulb-like seed. 15c each, 3 for 40c.

**Strelitzia Reginae**—Bird of Paradise. Blue and gold. Splendid. Large seeds. 25c each, 3 for 70c.

**Cyclamen Rococo Blend**—Gigantic fringed flowers. Pkt. 35c.

**Ponderosa Lemon**—Wax white fragrant flowers and great yellow fruits. Everblooming. Pkt. 25c; special pkg. 60c.

**The Calamondin Orange**—A true orange with brightly colored little fruits and fragrant flowers. Pkt. 25c; special pkg. 60c.

**Cactus Ornamental Blend**—Easily grown kinds for window culture in marvelous diversity of form and flower. Very fine. The most interesting of house plants. Pkt. 25c; special pkg. 60c.

**Offer 138**—One pkt. each of the above for \$3.50.

**PLEASE NOTE**—Lemon, Calamondin and Kumquat seeds cannot be shipped into citrus growing states because of quarantines.



# Autumn Planted Bulbs

Bulbs are not prepaid, and will be sent express collect unless allowance for postage accompanies order. If desired by mail, add 5% east of Pittsburgh, 10% to the Mississippi, and 15% west of the river, to cover postage and packing.

## AMERICAN GROWN TULIPS

The bulbs offered are "B" size. This is a size smaller than the usual Holland grown stock, but the bulbs are hard and solid, and almost every one of them will give a good flower. They are fully acclimated and will bloom earlier than the same varieties direct from Holland. Also, being smaller they will give good results without digging and dividing for at least a year longer, and a further advantage is that the price is materially less.

PLEASE NOTE—I do not supply "A" size Tulips, these being reserved for propagation, but I have size "C" bulbs, some of which will flower now, practically all next year. Write for special prices on this size.

**Darwin Blend**—All of the possible Darwin colorings, long stemmed and large flowered. 25 for 60c; 100 for \$1.75; 250 for \$3.50.

**Pink and Rose Blend**—A blend for those who like dainty color harmonies; salmon, deep pure pink, soft rose, and the varied pinks of the Azalea, with hues of richer rose and strawberry, deepening almost to cherry. 25 for 60c; 100 for \$1.75; 250 for \$3.50.

**Peerless Tulip Blend**—This is about the finest blend of tall growing, large flowering tulips that one could possibly make up. It is really a trial ground mixture of Darwin, Breeder and Cottage Tulips, classes that flower at the same time and grow to about the same height, differing only in technical characteristics. More than one hundred choicest named sorts, grown separately, are blended here, to give a proper balance of the various colors. The range is from cream, primrose and golden yellow, to bronze, orange and coffee brown; from palest flesh, through salmon pink to strawberry, rose, scarlet and maroon. Then there are all the soft lavender, clear blue, smoky violet, and rich purple varieties, beside others fantastically marbled and striped. 25 for 50c; 100 for \$1.50; 250 for \$3.00; 1000 for \$11.50.

## THE PLUME HYACINTH

**Muscari Plumosus**—I am assured of a supply this season of the rare and beautiful Plume Hyacinth. In this most unusual variety the individual florets are transformed into fluffy lilac-shred tassels of delightfully informal and graceful habit. The stems are long enough for effective cutting, and in garden, border or rockery the Plume Hyacinth gives an interesting variety. 3 for 25c; 10 for 70c; 25 for \$1.50.

## SPRING STAR FLOWER

**TRITELIA COERULEA.** One of the most easiest grown, freest flowering and most delightful of bulbs. It is hardy without protection here, but further north might need mulching. Also it forces very readily and owing to the habit of repeated bloom, a pot of it will be appreciated in the window garden. The flowers vary from soft blue suffusions to deep indigo. First size bulbs, 4 for 25c; 10 for 50c; 25 for \$1.00.

## CALOCHORTUS BLEND

Called Butterfly Tulips, but really there is only a faint suggestion of Tulip about them. In habit, form and coloring, they are wholly individual and as wholly delightful. Among them they show the hues of the rainbow in rare blendings, bandings and blotchings. They are hardy, but in exposed locations give them a mulching of straw or leaves. 4 for 25c; 10 for 50c; 25 for \$1.00.

## MUSCARI HEAVENLY BLUE

An absolutely hardy Grape Hyacinth. Wonderful for the rockery, the border, or for naturalizing. Will give great splashes of sheer blue for many radiant spring weeks. Selected Planting Stock sizes, much will flower second year, most of it the third. 100 for 25c; 250 for 50c; 1000 for \$1.50; 5000 for \$6.00. Plant it in quantity in open woodland, meadow, shrubbery border, or naturalize in the lawn.

## SEEDLING LILY BULBS

Sound little one season bulbs from seed sown this spring, except where otherwise stated, offered in run of the bed sizes, without grading. A few of the bulbs will likely bloom next spring and a good part of them should flower by the second spring. Not less than ten of a kind can be sold.

**Lilium Concolor**—Flaming scarlet up-facing stars. Dwarf, for rockery; hardy and easy. 10 for 50c; 25 for \$1.00; 100 for \$3.00. Two year old flowering bulbs, 10 for 85c.

**Lilium Cernuum**—Lilac pink. Rockery favorite. 10 for 40c; 25 for 85c; 100 for \$2.50; 250 for \$5.00.

**Lilium Wilmottiae**—Glowing apricot and brown. 10 for 40c; 25 for 85c; 100 for \$2.50.

**Lilium Davuricum**—Sturdy orange scarlet cups. Two year old flowering bulbs only. 10 for 85c; 25 for \$1.75.

**Lilium Henryi**—Finest golden amber. 10 for 50c; 25 for \$1.00.

**Lilium Shelburne Hybrid**—A Regale Sargentiae hybrid. Like a later Regale. 10 for 60c.

**Lilium Tenuifolium**—Rich coral. Easy. 10 for 35c; 25 for 75c; 100 for \$2.25; 250 for \$4.50.

**Lilium Longiflorum**—Pure white trumpet. 10 for 50c; 25 for \$1.00; 100 for \$3.00.

**Lilium Regale**—White, with rose and lemon shadings. 10 for 30c; 25 for 70c; 100 for \$2.15; 250 for \$4.25.

**Lilium Speciosum Magnificum**—Pink to rosy crimson. 10 for 50c; 25 for \$1.00.

**Lilium Tigrinum Splendens**—Finest Tiger Lily. One year from bulbil. 10 for 50c; 25 for \$1.00.